DOCKET NO. 2343-173-27

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Shelly John MECHERY, et al. ART UNIT: 2874

EXAMINER: Michael J. STAHL SERIAL NO.: 10/693,519

CONFIRMATION NO.: 2226

FILING DATE: October 27, 2003

OPTICAL SENSING ELEMENTS FOR NITROGEN DIOXIDE (NO2) FOR:

GAS DETECTION, A SOL-GEL METHOD FOR MAKING THE

SENSING ELEMENTS AND FIBER OPTIC SENSORS

INCORPORATING NITROGEN DIOXIDE GAS OPTICAL SENSING ELEMENTS

AMENDMENT

COMMISSIONER FOR PATENTS PO BOX 1450 ALEXANDRIA, VA 22313-1450

SIR:

Responsive to the outstanding final Office Action dated September 11, 2006, entry of the following amendments is respectfully requested.